WITOTH GOVERNMENT CENTRAL INTELLIGENCE AGENCY informa**hesib**iGED_{ORT} DATE DISTR. 14 June 1948 Scientific Fesearch NO. OF PAGES 2 NO. OF ENCLS.

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THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH USE OF TRAINED INTELLIGENCE ANALYSTS

SOURCE

COUNTRY

SUBJECT

PLACE ACQUIRED

Documentary as indicated. (Information specifically

RECENTLY PUBLISHED RESEARCH OF THE LENINGRAD INSTITUTE OF LABOR HYGIENE AND INDUSTRIAL DISEASES, USSR

"Heat-Protecting Metal Garments," 2. A. lawlumove, Leningrad Inst Labor Hygiene and Indust Diseases, Ministry of Public Health RSFSR

"Gigiyena i Sanitariya" Vol 11, No 4, 1946, pp 15-19

Tests were made on germents of Al foil, tin, asbestos, aluminized cloth, sacking cloth, civilian cloth, and army coat cloth. Best protection from radiant heat was afforded by linen cloth covered with overlapping shields (30-50 sq mm) of tin plates.

"Absorption of Sulfur Dioxide in the Respiratory Passages, " I. D. Gadask na, Leningrad Inst Hygiene and Occupational Diseases

"Farmakol i Toksikol" Vol 9, No 1, 1944, pp 51-3

Notal absorption of SD₂ in respiratory passages of sound rabbits breathing test air containing 0.55 to 16 ng SD₂/liter averaged 63% (range 46-81%); in the upper passages of trachectomized rabbits, 42% (range 21-55%). On the basis of solubility and localized selective absorption SD₂ special resembles CD. The averaging the selective absorption tion, 30 closely resembles Cl. The experiments support the Henrerson hypothesis of a relation between solubility and point of absorption. Conception of gas in respired aid is not in direct quantitative relation to absorption. This is particularly significant in view of the fact that the action of irritant gases follows the Haber rule.

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"Detecting Hydrogen Sulfide in the Blood of Poisoned Animals," I. D. Gadaskina, Leningrad Ins of Hygiens and Occupational Diseases

"Farmakel i Tokeikel" Vol 9, No 1, 1946, pp 47-51

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